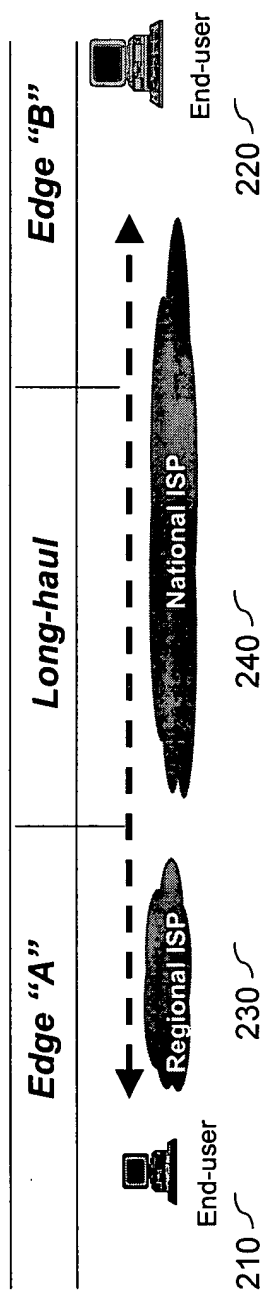
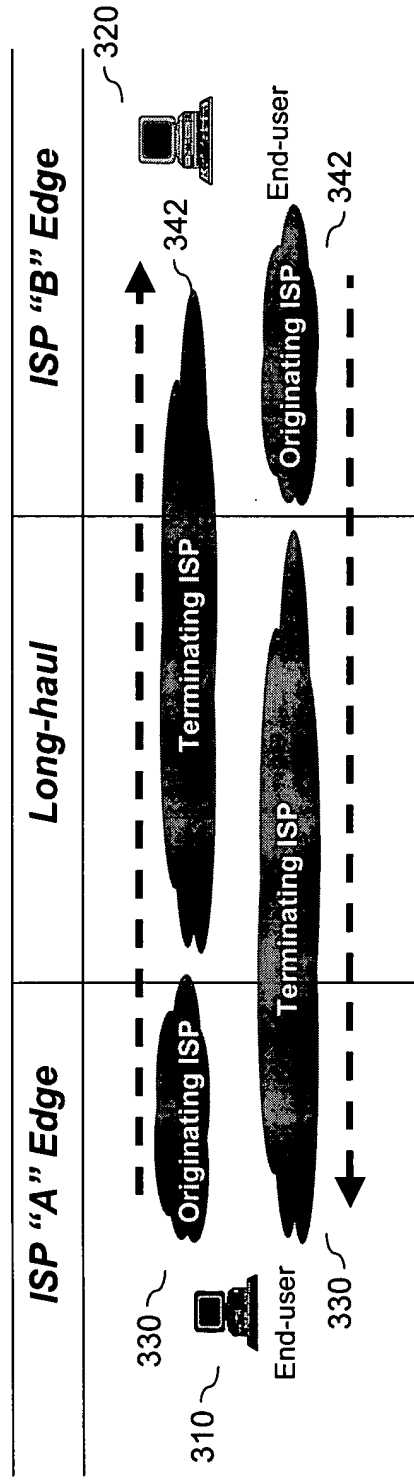


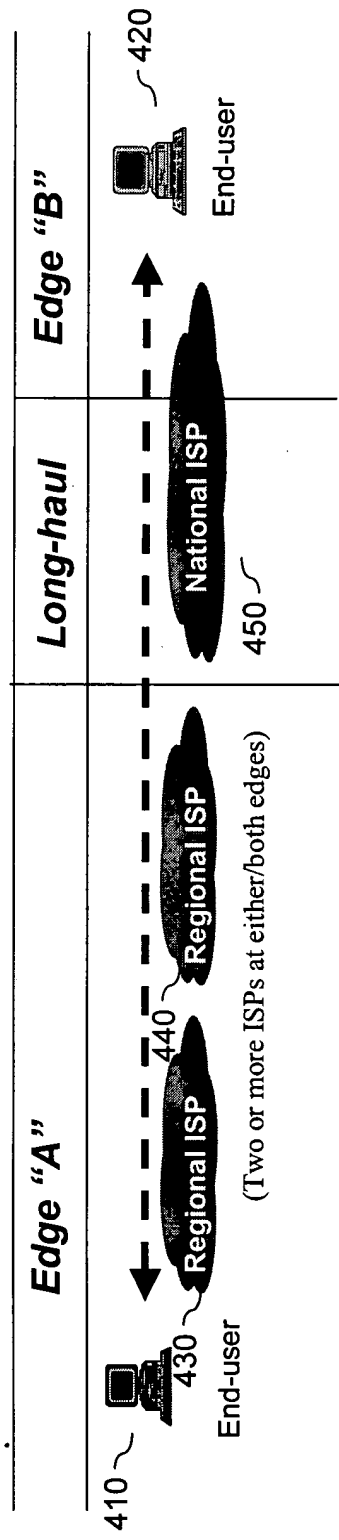
Internet End-user Model
Fig. 1



Internet Transit Model
Fig. 2

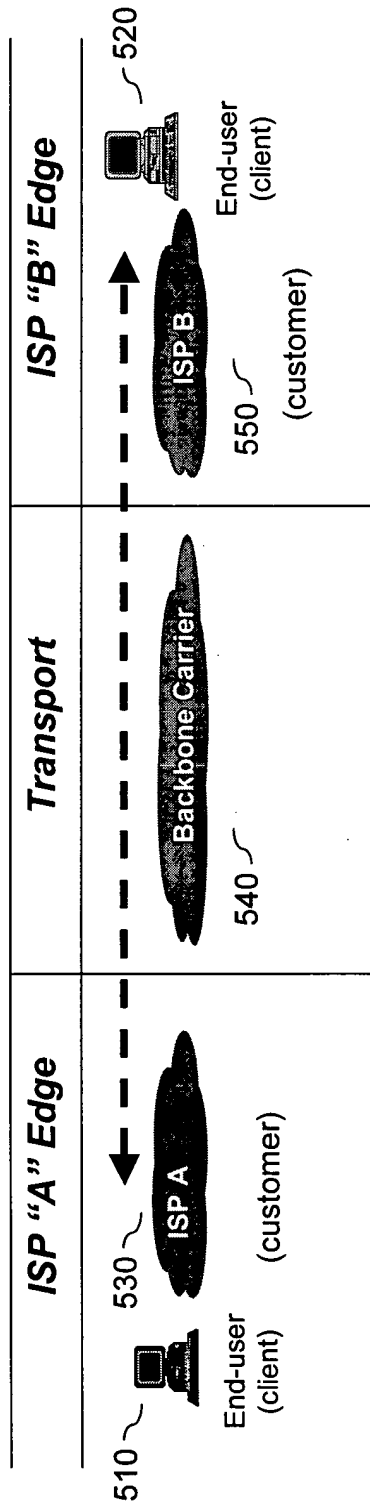


Internet Peering Model
Fig. 3



Internet Multi-Transit/Peering Model

Fig. 4



Settlement Model
Fig. 5

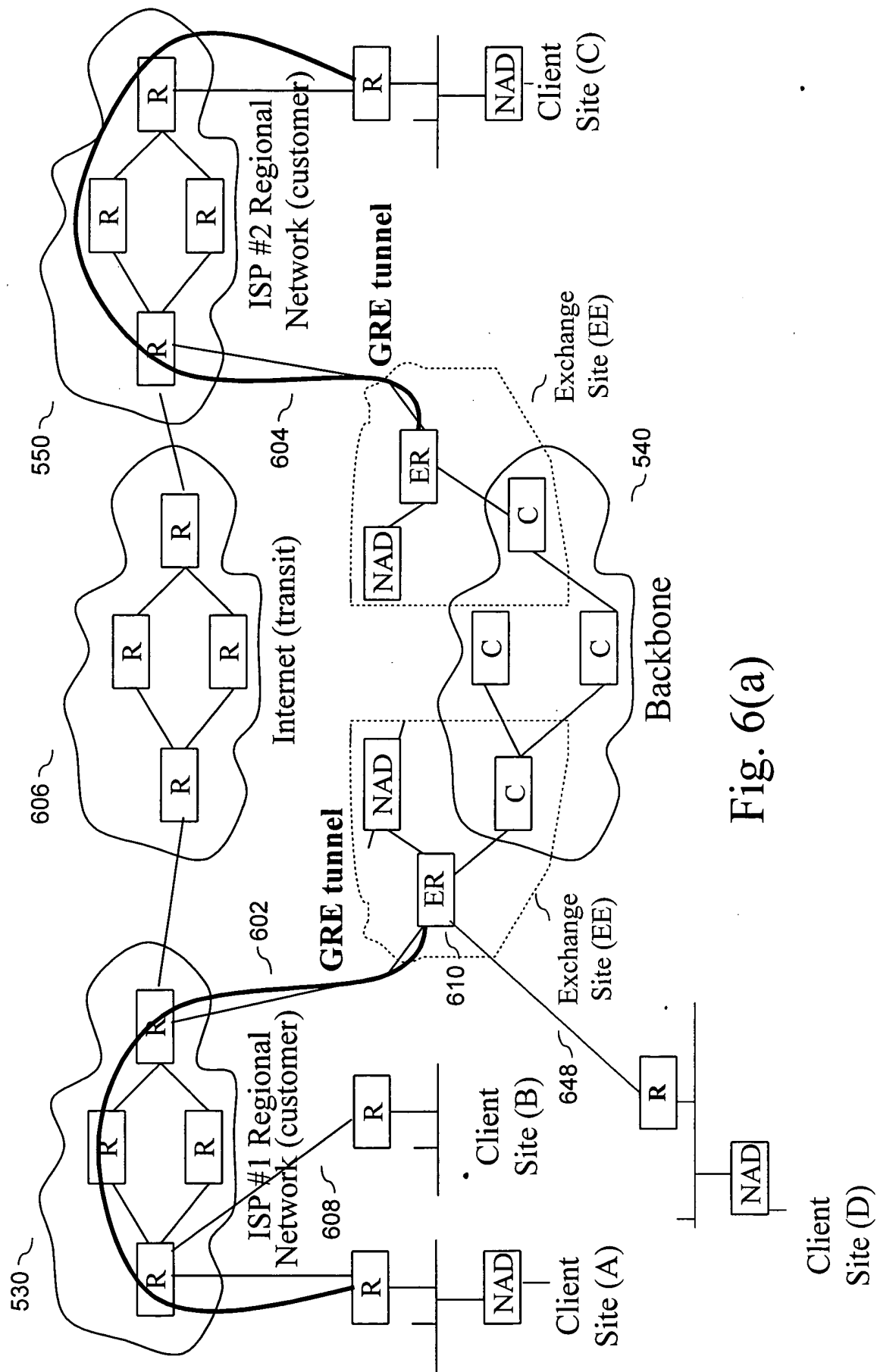
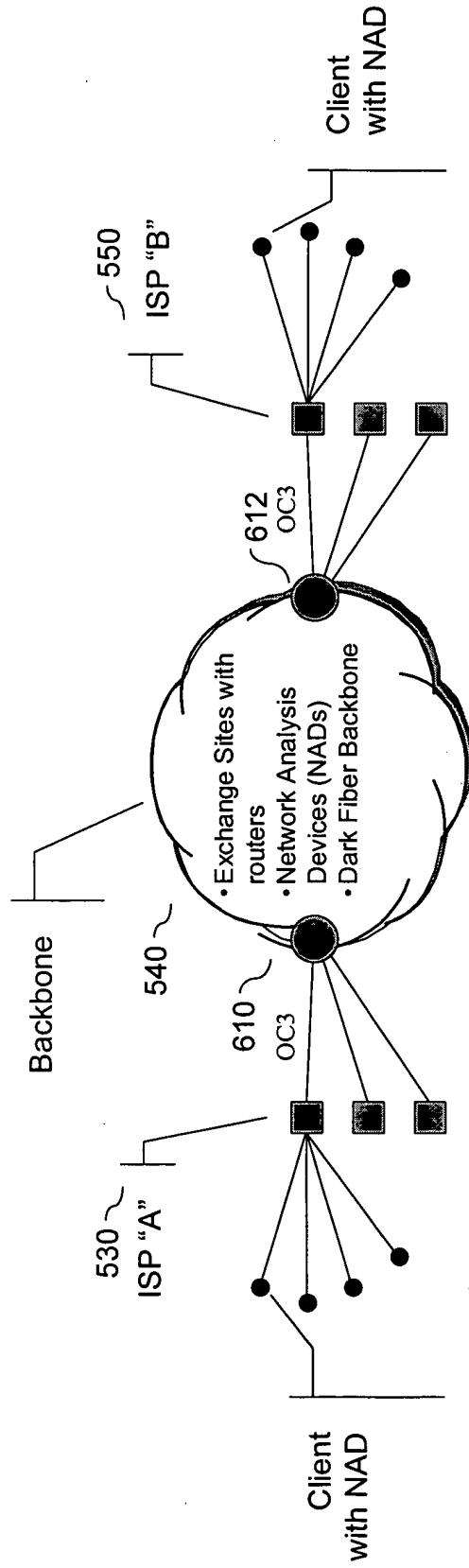
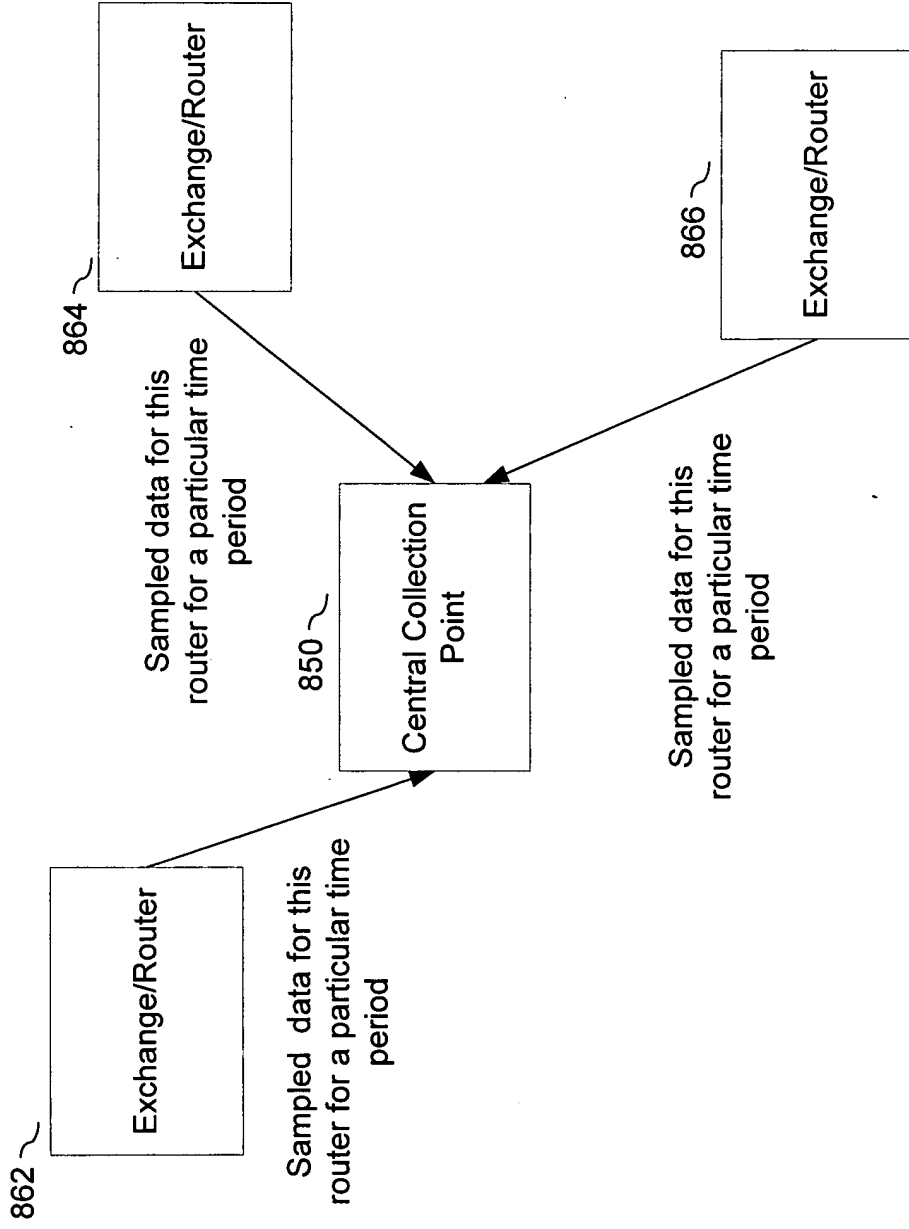


Fig. 6(a)

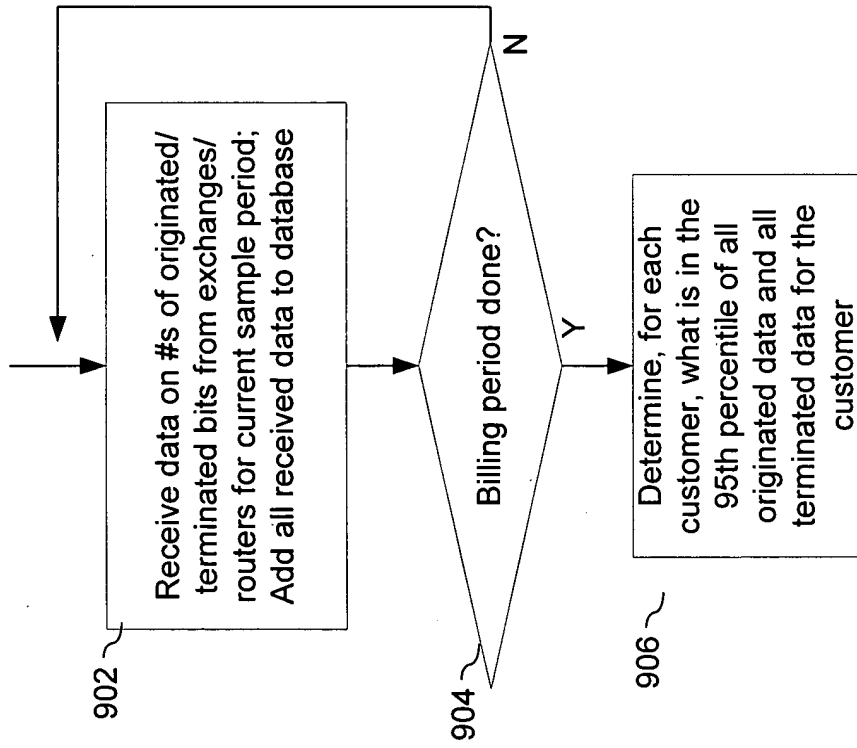


Internet Data Exchange System
Fig. 6(b)

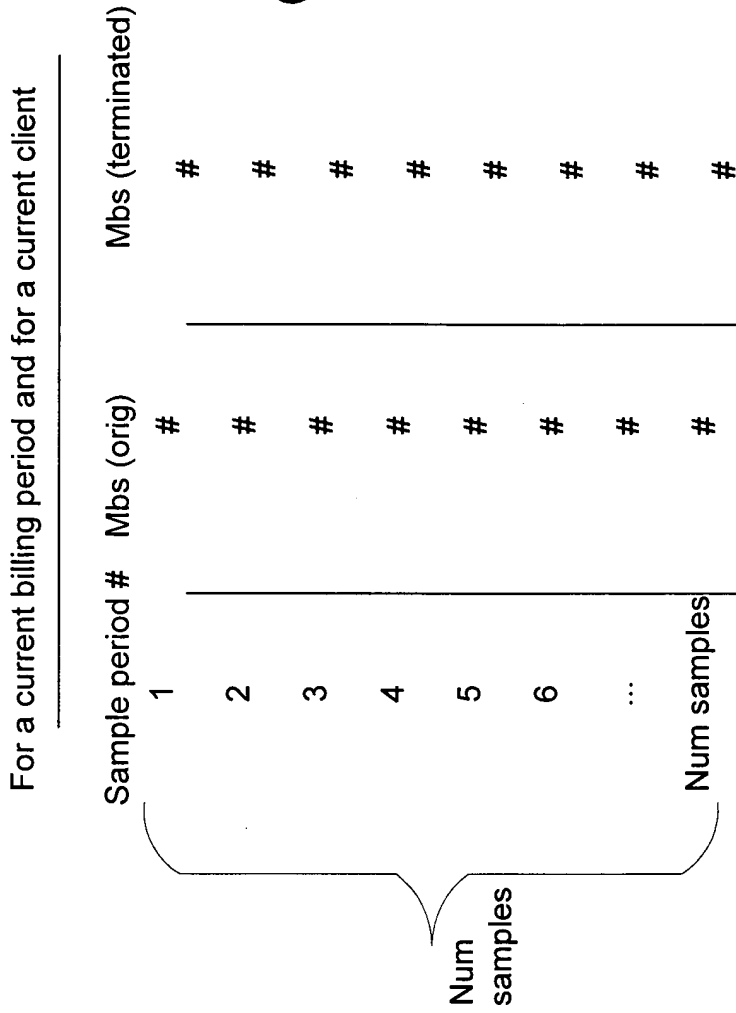
Example Flow of Funds



Periodic Data Collection
Fig. 8(a)



Gathering Performance Data
Fig. 9(a)



Data from samples taken over a
billing period for a single client

Fig. 9(b)

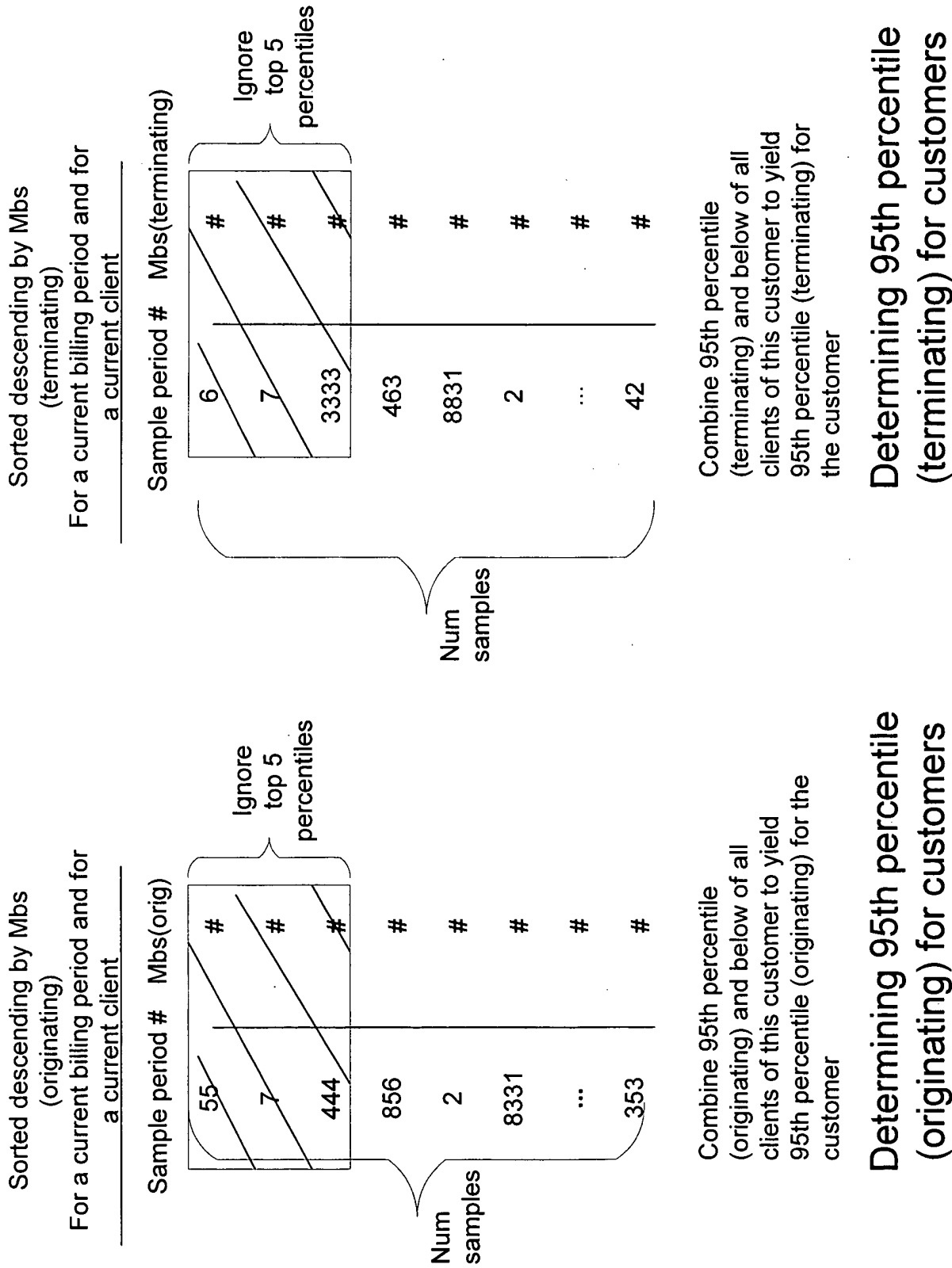
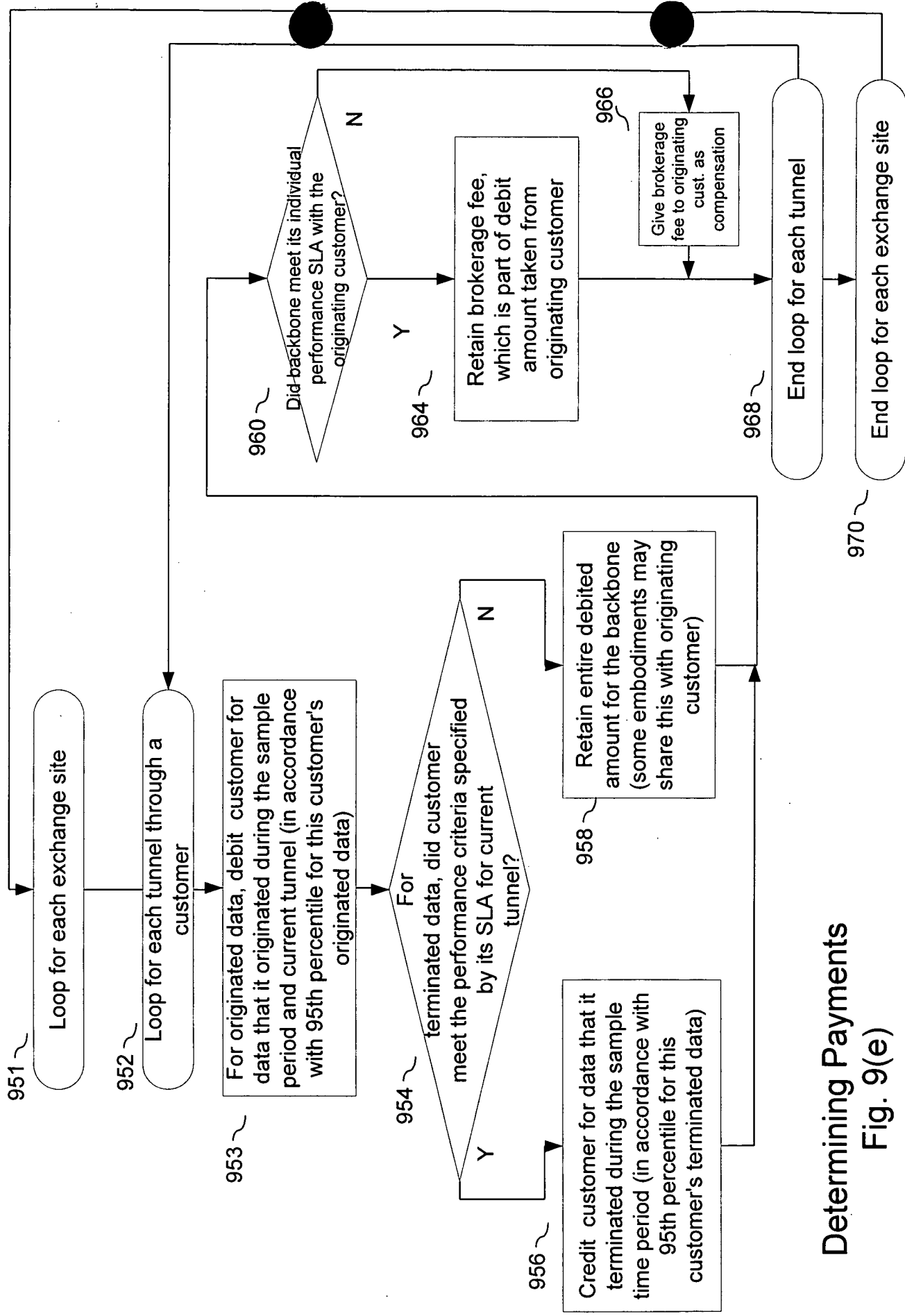


Fig. 9(c)

Fig. 9(d)



Determining Payments

Fig. 9(e)

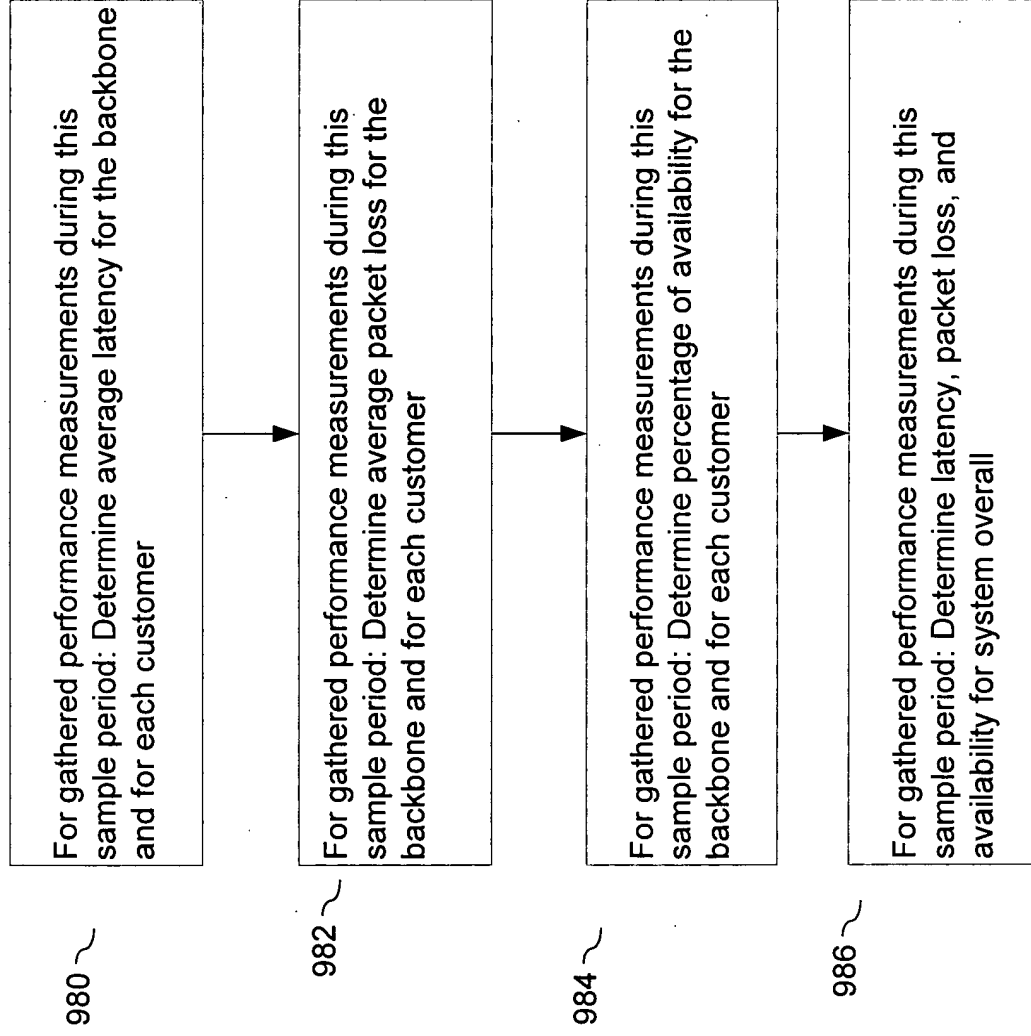


Fig. 9(f)
Use of Performance
Measurements

For a current billing period

	Latency(ms)	Packet loss (%)	Availability (%)
Backbone	#	#	#
originating customer	#	#	#
terminating customer	#	#	#
Total system wide	#	#	#

Fig. 9(g)
Measured Values

For a current billing period

	Max Acceptable Latency(ms)	Max Acceptable Packet loss (%)	Min Acceptable Availability (%)
Backbone	70	.2	99.99
Originating customer	40	.4	99.9
Terminating customer	40	.4	99.9
Total system wide	150ms	1%	99.8%

Fig. 9(h)
Values in SLA(s)